

6. Louver Shielding

## Ordering Information

Family	Series	Type	Lamps	Color	Wattage	Voltage	Length
FW7	3	4	1	AL = Aluminum WH = White	1 = 28W 2 = 54W 3 = 28W Dimming 4 = 28W EM 5 = 54W Dimming 6 = 54W EM	1 = 120v 2 = 277v	4 = 4' (121.92cm) 8 = 8' (243.84cm)
	3 = Block	4 = Louver	1 = 1 Lamp				

Complete Ordering Instructions below.

## Features

- Housing:** Single piece of high purity extruded aluminum, a portion from recycled material.
- Housing End:** Die-cast aluminum, welded in place.
- End Cap:** Die-cast aluminum. Encloses the end of the run.
- Lamps:** F28T5 or F54T5HO as specified. By others. Installed from the ceiling side of the luminaire.
- Ballast:** Electronic. Meets ANSI starting, end-of-life protection and sound rating specifications. Low THD.
- Shielding:** Integral, regressed flat louver blades punched and formed from fixture housing, finished to match, no light leaks. Blades are .56" (1.42cm) high on .75" (1.91cm) centers.

## Electrical

**Connections:** Pre-wired with 18 gauge wires and polarized cannon plug connectors for simultaneous mechanical/electrical connection.

**Emergency Battery Pack:** 90 minute operation, 700 lumens for 54W and 520 lumens for 28W.

**Dimming:** Advance Mark X standard (no additional wires required); use compatible dimmer. Dimming ballasts using additional control wires (eg Lutron Hi-Lume or ECO-10, Osram) can be used; consult factory and use X4 or X5 power feeds with additional leads, as appropriate. Ballast not to exceed 1.25" (3.18cm) wide by 1.20" (3.05cm) high.

**iGEN:** F7000 accepts iGEN (DALI) with supplemental 2-wire control technology. Use with X5 power feed.

**Power Tray:** Code-gauge, die-formed steel, pre-paint white enamel finish; secured by quarter-turn fasteners for easy access to wiring. Holds ballasts, sockets, and wiring. Accepts ballasts up to 1.25" (3.18cm) wide by 1.20" (3.05cm) high.

**Finish:** Powder-coated, baked enamel, white or aluminum, as specified.

Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

## Finish

Powder-coated, baked enamel, white or aluminum, as specified.

## Mounting

Each module includes two wall-mounting brackets. Bracket hole pattern accommodates junction box (single gang box rotated 90 degrees) or other appropriate mounting method using customer supplied fasteners.

## Labels

UL, cUL and I.B.E.W.

## Ordering Instructions

### Individual Fixtures:

- Order one MODULE.
- Order one END SET.

### Continuous Rows:

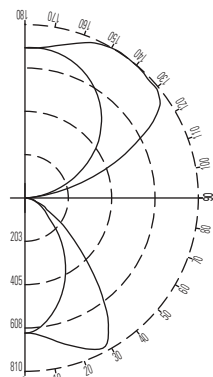
- Order the appropriate number of MODULES for the complete run.
- Order one END SET.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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## Performance

### CANDLEPOWER CURVE



REPORT NO.: ITL54685.IES  
LAMPS: 1-F54T5  
LUMENS: 5000 each  
EFFICIENCY: 77.9%  
CAT. NO.: F7341WH214

### CANDLEPOWER

ZONE DEG.	0	22	45	67	90
CANDELAS					
0	631	631	631	631	631
5	640	636	631	621	618
15	706	672	618	562	540
25	780	710	590	485	438
35	674	638	545	386	321
45	401	390	382	268	202
55	212	203	193	179	120
65	105	97	95	99	76
75	49	50	49	52	40
85	13	13	11	12	9
90	3	2	1	1	0
95	39	44	52	73	37
105	269	285	295	293	153
115	544	553	543	419	279
125	771	742	642	529	404
135	801	780	711	603	506
145	812	799	748	646	589
155	797	786	741	680	651
165	742	736	722	699	689
175	704	705	707	705	704
180	702	702	702	702	702

### COEFFICIENTS OF UTILIZATION

#### % EFFECTIVE CEILING CAVITY REFLECTANCE

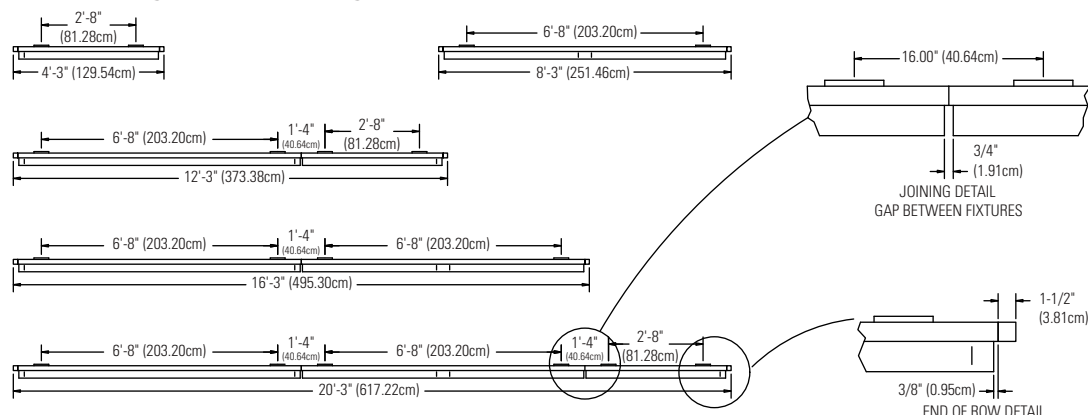
		80%			70%			50%		
		WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	0	81	81	81	72	72	72	57	57	57
	1	70	67	66	64	62	59	50	49	48
	2	62	58	54	56	52	49	45	43	40
	3	55	49	46	49	45	42	40	37	34
	4	48	43	39	44	39	35	36	32	29
	5	44	37	33	40	34	30	32	29	26
	6	39	33	29	35	30	27	29	25	22
	7	35	29	26	32	27	24	27	23	20
	8	32	27	22	29	24	21	24	20	17
	9	29	24	20	27	22	18	22	18	15
10	27	21	18	25	20	16	20	16	14	

#### 20% FLOOR CAVITY REFLECTANCE

#### DISTRIBUTION

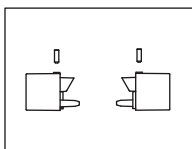
Zone	Lumens	% Lamp	% Luminaire
0 - 90	1246	24.7	32.0
90 - 180	2661	53.2	68.0
0 - 180	3907	77.9	100.0

## Fixture Lengths & Mounting Reflected (Plan View)



Recommended mounting is a single gang outlet box rotated 90 degrees at the feed point. Remaining mounting points could be outlet boxes as well, or a couple of holes per mounting point spaced 3-1/4" (8.26cm) at 1-3/4" (4.45cm) above the bottom of fixture.

## Mounting Accessories



**Wall Mount End Set**  
FW7EWH = White  
FW7EAL = Aluminum

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